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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/639,301	08/14/2000	Susan M. Janz	10002711-1	9455

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FORT COLLINS, CO 80527-2400

EXAMINER

MOORE, JAMES K

ART UNIT	PAPER NUMBER
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2686

DATE MAILED: 04/05/2004

9

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/639,301

Applicant(s)

JANZ, SUSAN M.

Examiner

James K Moore

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 January 2004.
2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 and 14-31 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☒ Claim(s) 1-11, 14-16 and 21-31 is/are allowed.
6) ☒ Claim(s) 17, 19 and 20 is/are rejected.
7) ☒ Claim(s) 18 is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 14 August 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 17-20 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
3. Claims 17 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over DeLine et al. (U.S. Patent No. 6,087,953) in view of Ausems et al. (U.S. Patent No. 6,434,403).

Regarding claim 17, DeLine discloses a method comprising providing a wireless device (cellular phone) including an output port, configuring the wireless device to provide data to the output port indicating a predetermined event (e.g., reception of email, weather, or traffic messages) has occurred in response to occurrence of the predetermined event, and using data from the output port to actuate an electrically actuated vehicle component (display 318) in different patterns (e.g., displaying different alphanumeric characters) corresponding to different predetermined events. See Abstract, Figure 15, col. 17, line 65 through col. 18, line 45, and col. 21, lines 56-67. DeLine does not disclose that the wireless device is a personal digital assistant. However, Ausems teaches that a personal digital assistant provides more functions,

such as full address book and scheduling functions, than a conventional cellular phone. See col. 17, lines 12-65. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify DeLine with Ausems, such that the wireless device is a personal digital assistant, in order to provide more functions to a user.

Regarding claim 19, DeLine in view of Ausems teaches all of the limitations of claim 17, and Deline also discloses that the vehicle component is a light. See col. 18, lines 2-14.

4. Claim 20 is rejected under 35 U.S.C. 103(a) as being unpatentable over DeLine et al. in view of Ausems et al. as applied to claim 17 above, and further in view of well known prior art.

Regarding claim 20, DeLine in view of Ausems teaches all of the limitations of claim 17, but does not teach that the personal digital assistant includes a rechargeable battery, or that the battery is charged using power from the vehicle. However, the examiner takes Official Notice that it is well known in the art to provide to include a rechargeable battery in a PDA, in order to avoid having to frequently replace batteries. It is also well known in the art to charge batteries using power from a vehicle, in order to allow the PDA's battery to recharge while it is being transported in a vehicle. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to further the modify the combination of DeLine and Ausems, such that the PDA includes a rechargeable battery and the battery is charged using power from the

vehicle, in order to avoid having to frequently replace batteries and to allow the PDA's battery to recharge while it is being transported in a vehicle.

Allowable Subject Matter

5. Claims 1-11, 14-16 and 21-31 are allowed.
6. Claim 18 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

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the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ken Moore, whose telephone number is (703) 308-6042. The examiner can normally be reached on Monday-Friday from 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Banks-Harold, can be reached at (703) 305-4379.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Ken Moore

3/30/04

JKM

Marsha D Banks-Harold
MARSHA D. BANKS-HAROLD
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600